

PINK BOLLWORM PROGRAM – WEEKLY REPORT

38 YEARS OF SERVICE TO COTTON GROWERS



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Week Ending August 19, 2006

Pink Bollworm Activities

Palo Verde and Imperial Valleys:

There were 16,485 native pink bollworm (PBW) moths captured during the week, which represents a 9% decrease from last weeks peak of third generation emergence. There are 198 traps currently in place, and 164,986 native moths have been captured year to date.

Palo Verde has accumulated 3,651 heat units and is 5 days ahead of year 2005. The peak of the fourth generation is expected 09/09/06. Brawley fourth field generation is anticipated to be 9/04/06.

San Joaquin Valley:

Temperatures have been slightly below average and heat unit accumulations remain 1-4 days ahead of last year. The second generation is expected to peak in Shafter on 8/25. The Firebaugh area has accumulated 2,410 heat units, and the second generation there is anticipated to arrive on 09/03/06.

Field supervisors are continuing their performance of mandatory quality assurance (QA) testing of the trapping program. The Pink Bollworm has one of the most stringent insect trapping quality assurance programs in existence. Field supervisors inspect a minimum of 10% of a trap line, a minimum of twice per year. The traps are inspected on a variety of biological and procedural parameters, using a 25-point scale system. The trapping QA is complemented with an "insect planting" (or trap "salting") program, in which un-dyed sterile moths are placed randomly in the traps to insure proper moth identification by both trappers and the identification (ID) laboratory personnel.

The PBW ID Lab inspected 549 suspect traps, a 20% increase from last week. No native pink bollworms were found this week in the San Joaquin Valley. The 2006 season total of Native PBW finds, remains at 4. Last year at this time, 18 native PBW moths were trapped.

Sterile moth releases continue at the rate of 14 million moths released this week, approximately 10 million released over Kern County, 1 million over Kings County, and 3 million sterile moths released over Tulare County. This brings the season total to 192 million sterile moths released over the San Joaquin Valley.

Sacramento Valley:

Mapping and trapping in the Sacramento Valley has been changed to the week beginning August 28, 2006. The second generation for Colusa is expected 9/13/06. The County Agricultural Commissioners are reporting acreages of 2,880 acres in Colusa, 3,500 acres in

Glenn, 1,035 acres in Sutter, and 0 (zero) acres in Butte, Tehama, and Yolo Counties.